

**LIBRARIES AND KITS FOR DETECTING  
TRANSCRIPTION FACTOR ACTIVITY**

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10 A library of nucleic acid constructs is provided in which each construct comprises a cis element sequence comprising one or more copies of a cis element to which a transcription factor is capable of binding the cis element sequence varying within the library of constructs, a promoter sequence 3' relative to the cis element sequence, a reporter sequence 3' relative to the promoter sequence that comprises a variable sequence that varies within the library and wherein a same cis element sequence is employed with a given reporter sequence within the library of constructs.

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